

# GYPA monoclonal antibody, clone HI264

Catalog # MAB15407      Size 100 ug

## Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human GYPA.
Immunogen	A synthetic peptide corresponding to N-terminus of human GYPA.
Host	Mouse
Theoretical MW (kDa)	43
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG2a
Recommend Usage	Flow Cytometry (20 uL/10 <sup>6</sup> cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

## Gene Info — GYPA

Entrez GeneID [2993](#)

Protein Accession#	<a href="#">P02724</a>
Gene Name	GYPA
Gene Alias	CD235a, GPA, GPERik, GPSAT, GpMiIII, HGpMiIII, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN, MNS
Gene Description	glycophorin A (MNS blood group)
Omim ID	<a href="#">111300 611162</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. In addition to the M or N and S or s antigens that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB. [provided by RefSeq]
Other Designations	Mi.V glycoprotein (24 AA) erythroid-lineage-specific membrane sialoglycoprotein glycophorin A glycophorin A (MN blood group) glycophorin A MNS blood group glycophorin A, GPA glycophorin E rik glycophorin MiI glycophorin MiIII glycophorin MiV glycophorin Mi

## Pathway

- [Hematopoietic cell lineage](#)

## Disease

- [Asthma](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Malaria](#)